



08/13/04

U.S. Express Mail No.: ED273489568US

Attorney Docket No.: AM-5850

3 DPC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Matthew J. Jolley et al.

§ Group Art Unit: 2881

SERIAL NO.: 09/905,561

§ Examiner: K. Fernandez

FILED: July 13, 2001

§ Docket No.: AM-5850

FOR: PATTERN GENERATION METHOD AND
APPARATUS USING CACHED CELLS
OF HIERARCHICAL DATA

§ August 12, 2004

TRANSMITTAL OF FORMAL DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexndria, Virginia 22313-1450

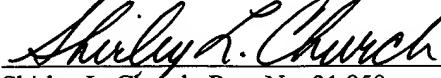
Sir:

The two (2) sets of ONE (1) page of FORMAL drawings which accompany the present transmittal letter are to replace the previously submitted informal drawings. Each drawing is labeled on its front with the application serial number, name of the inventor, title of the patent application, attorney docket number, page number, and the name of the contact should there be any questions about the drawings. The Formal Drawings have been labeled "Replacement Sheets". There have been no changes from the initially submitted informal drawings.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below as U.S. Express Mail No. ED273489568US in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O Box 1450, Alexandria, VA 22313-1450.

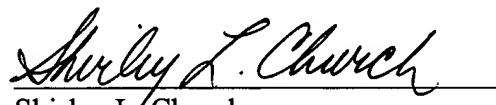
Date: August 12, 2004


Shirley L. Church, Reg. No. 31,858

Applicants do not believe that any fee is due in connection with replacing previously submitted informal drawings with formal drawings. However, in the event an additional fee is due, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,


Shirley L. Church
Shirley L. Church
Registration No. 31,858
Attorney for Applicants
(650) 473-9700

Correspondence Address:

Patent Counsel
Applied Materials, Inc.
P.O. Box 450A
Santa Clara, CA 95052